

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 265.00230101	Serial No.: 09/641,801
	Applicant(s): Stanton et al.	Confirmation No.: 5388
	Application Filing Date: August 17, 2000	Group: 1647
	Information Disclosure Statement mailed: July <u>28</u> , 2004	

U.S. PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
CSO	X	6,040,180	03/21/00	Johe			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
CSO	X	WO 95/00155	01/05/95	PCT				
CSO	X	WO 03/33423	10/22/03	PCT				

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Copy Enclosed	Document Description
CSO	X	Boldogh et al., "Modulation of 4HNE-Mediated Signaling by proline-rich peptides from Ovine Colostrum," <i>J Mol Neuroscience</i> , May 2003;20(2): 125-134.
	X	Brown et al., "7-Hydroperoxycholesterol and its products in oxidized low density lipoprotein and human atherosclerotic plaque," <i>J. Lipid Res</i> , 1997;38: 1730-1745.
	X	Bruce-Keller et al., "4-Hydroxynonenal, a product of lipid peroxidation, damages cholinergic neurons and impairs visuospatial memory in rats," <i>J Neuropathol Exp Neurol</i> , 1998;57: 257-267.
	X	Buettner, G.R., "The pecking order of free radicals and antioxidants: lipid peroxidation, alpha-tocopherol, and ascorbate," <i>Arch Biochem Biophys</i> , 1993;300: 535-543.
	X	Cadenas et al., "Mitochondrial free radical generation, oxidative stress, and aging," <i>Free Radic Biol Med</i> , 2000;29:222-230.
	X	Camandola et al., "The lipid peroxidation product 4-hydroxy-2,3-nonenal inhibits constitutive and inducible activity of nuclear factor kappa B in neurons," <i>Brain Res Mol Brain Res</i> , 2000;85:53-60.
CSO	X	Cheng et al., "Effects on mGST A4 transfection on 4-hydroxynonenal-mediated apoptosis and differentiation of K562 human erythroleukemia cells," <i>Arch Biochem Biophys</i> , 1999;372: 29-36.

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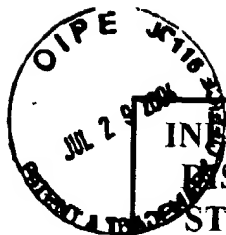
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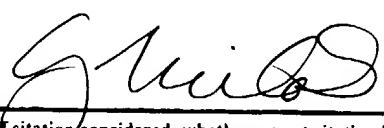
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CSN	X	Davies et al., "Photo-oxidation of proteins and its role in cataractogenesis," <i>J. Photochem. Photobiol B</i> , 2001;63: 114-125.
	X	Davis et al., "Cellular thiols and reactive oxygen species in drug-induced apoptosis," <i>J. Pharmacol Exp Ther</i> , 2001;296: 1-6.
	X	DeZwart et al., "Biomarkers of free radical damage applications in experimental animals and in humans," <i>Free Radic Biol Med</i> , 1999; 26:202-226.
	X	Evan et al., "A matter of life and cell death," <i>Science</i> , 1998; 281: 1317-1322.
	X	Finkel et al., "Oxidants, oxidative stress and the biology of ageing," <i>Science</i> , 1998;281: 1317-1322.
	X	Friguet et al., "Protein degradation by the proteasome and its implications in aging," <i>Ann N Y Acad Sci</i> , 2000;908: 143-154.
	X	Gage et al., "Isolation, Characterization, and use of Stem Cells from the CNS," <i>Annu. Rev. Neurosci</i> , 1995;18: 159-92
	X	Gardner et al., "Development of a peptide antibody specific to human glutathione S-transferase alpha 4-4 (hGSTA4-4) reveals preferential localization in human liver mitochondria," <i>Arch Biochem Biophys</i> , 2001;390: 19-27.
	X	Hainut et al., "Redox modulation of p53 conformation and sequence-specific DNA binding in vitro," <i>Cancer Res</i> , 1993;53: 4469-4473.
	X	Han et al., "Implication of a small GTPase Rac1 in the activation of c-Jun-N-terminal kinase and heat shock factor in response to heat shock," <i>J Biol Chem</i> , 2001; 276:1889-1895.
	X	Hughes et al., "Mediation of nerve growth factor-driven cell cycle arrest in PC12 cells by p53. Simultaneous differentiation and proliferation subsequent to p53 functional inactivation," <i>J Biol Chem</i> , 2000;275: 37829-37837.
	X	Janusz et al., "Immunoregulatory properties of synthetic peptides, fragments of a proline-rich polypeptide (PRP) from ovine colostrum," <i>Molecular Immunology</i> , October 1987;24(10): 1029-1031.
CSN	X	Keller et al., "Mitochondrial manganese superoxide dismutase prevents neural apoptosis and reduces ischemic brain injury: suppression of peroxynitrite production, lipid peroxidation, and mitochondrial dysfunction," <i>J Neurosci</i> , 1998;18: 687-697.

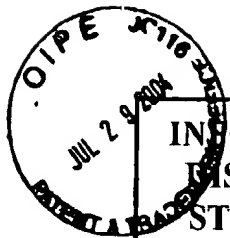
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CSW	X	Kong et al., "Signal transduction events elicited by natural products: a role of MAPK and caspase pathways in homeostatic response and induction of apoptosis," <i>Arch Pharm Res</i> , 2000;23: 1-16.
	X	Kruman et al., "Evidence that 4-hydroxynonenal mediates oxidative stress-induced neuronal apoptosis," <i>J Neurosci</i> , 1997;17:5089-5100.
	X	Lafon-Cazal et al., "Nitric oxide, superoxide and peroxynitrite: putative mediators of NMDA-induced cell death in cerebellar granule cells," <i>Neuropharmacology</i> , 1993;32: 1259-1266.
	X	Leonarduzzi et al., "Lipid oxidation products in cell signaling," <i>Free Radic Biol Med</i> , 2000;28: 1370-1378.
	X	Mattson et al., "Alzheimer's disease. Short Precursor shortens memory," <i>Nature</i> , 1997;387: 457-458.
	X	Nakamura et al., "Redox regulation of cellular activation," <i>Annu Rev Immunol</i> , 1997;15: 351-369.
	X	Page et al., "4-Hydroxynonenal prevents NF-kappaB activation and tumor necrosis factor expression by inhibiting IkappaB phosphorylation and subsequent proteolysis," <i>J Biol Chem</i> , 1999;274:11611-11618.
	X	Parola et al., "HNE interacts directly with JNK isoforms in human hepatic stellate cells," <i>J Clin Invest</i> , 1998;102:1942-1950.
	X	Perkins et al., "Association of antioxidants with memory in a multiethnic elderly sample using the Third National Health and Nutrition Examination Survey," <i>Am J Epidemiol</i> , 1999;150: 37-44.
	X	Perrig et al., "The relation between antioxidants and memory performance in the old and very old," <i>J Am Geriatr Soc</i> , 1997;45: 718-724.
	X	Poli et al., "4-Hydroxynonenal in the pathomechanisms of oxidative stress," <i>IUBMB Life</i> , 2000;50: 315-321.
✓	X	Rivas-Arancibia et al., "Effects of ozone exposure in rats on memory and levels of brain and pulmonary superoxide dismutase," <i>Environ Res</i> , 1998;76: 33-39.
CSW	X	Ross et al., "Atherosclerosis: a cancer of the blood vessels?," <i>Am J Clin Pathol</i> 116 Suppl, 2001:S97-107.

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<i>CS</i>	X	Rusnak et al., "Sensing electrons: protein phosphatase redox regulation," <i>Trends Biochem Sci</i> , 2000;25: 527-529.
	X	Sano et al., "A controlled trial of selegiline, alpha-tocopherol, or both as treatment for Alzheimer's disease," <i>The Alzheimer's Disease Cooperative Study, N Engl J Med</i> , 1997;336:1216-1222.
	X	Sayre et al., "4-Hydroxynonenal-derived advanced lipid peroxidation end products are increased in Alzheimer's disease," <i>J Neurochem</i> , 1997;68: 2092-2097
	X	Senft et al., "Determining glutathione and glutathione disulfide using the fluorescence probe o-phthalaldehyde," <i>Anal Biochem</i> , 2000; 280: 80-86.
	X	Sinclair et al., "Altered plasma antioxidant status in subjects with Alzheimer's disease and vascular dementia," <i>Int J Geriatr Psychiatry</i> , 1998;13: 840-845.
	X	Uchida et al., "Modification of histidine residues in proteins by reaction with 4-hydroxynonenal," <i>Proc Natl Acad Sci USA</i> , 1992;89:4544-4548.
	X	Vaglini et al., "Cytochrome P450 and parkinsonism: protective role of CYP2E1," <i>Funct Neurol</i> , 2001;16: 107-112.
	X	Woods et al., "Regulation of p53 function," <i>Exp Cell Res</i> , 2001;264: 56-66.
	X	Yoritaka et al., "Immunohistochemical detection of 4-hydroxynonenal protein adducts in Parkinson disease," <i>Proc Natl Acad Sci USA</i> , 1996;93: 2696-2701.
	X	Zimecki et al., "Immunotropic properties of fractions isolated from human milk," <i>Arch Immunol Ther Exp</i> , 1984;32: 203-209.
<i>CS</i>	X	Zimecki et al., "The effect of a proline-rich polypeptide (PRP) on the humoral immune response. II. PRP induces differentiation of helper cells from glass-nonadherent thymocytes (NAT) and suppressor cells from glass-adherent thymocytes (GAT)," <i>Arch Immunol Ther Exp</i> , 1984;32: 197-201.
<i>CS</i>	X	Zimecki et al., "The effect of a poline-rich polypeptide (PRP) on the humoral immune response. I. Distinct effect of PRP on the T cell properties of mouse glass-nonadherent (NAT) and glass-adherent (GAT) thymocytes in thymectomized mice," <i>Arch Immunol Ther Exp</i> , 1984;32: 191-196.

EXAMINER <i>G. Williams</i>	Date Considered <i>9/8/04</i>
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